

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT8248203

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SCOT M. DUNCAN	10/26/2023
RECEIVING PARTY DATA		
Name:	HEDS HOLDINGS LLC	
Street Address:	3064 SILVER SAGE DR.	
Internal Address:	SUITE 150	
City:	CARSON CITY	
State/Country:	NEVADA	
Postal Code:	89701	
PROPERTY NUMBERS Total: 19		
Property Type	Number	
Application Number:	11852225	
PCT Number:	US2008075491	
Application Number:	13405019	
Application Number:	13854866	
Application Number:	15489598	
Application Number:	17160099	
Application Number:	18448698	
PCT Number:	US2019019035	
Application Number:	18182938	
Application Number:	62634621	
Application Number:	62641200	
Application Number:	18190750	
Application Number:	17333686	
Application Number:	16234023	
PCT Number:	US2019018623	
Application Number:	17683023	
Application Number:	16233800	
PCT Number:	US2019018630	
Application Number:	62641211	

PATENT

CORRESPONDENCE DATA**Fax Number:**

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6175426000

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Correspondent Name: MINTZ LEVIN

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Address Line 4: BOSTON, MASSACHUSETTS 02111

NAME OF SUBMITTER:	ELISSA M. KINGSLAND
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SIGNATURE:	/Elissa M. Kingsland/
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DATE SIGNED:	10/30/2023
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Total Attachments: 6

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ASSIGNMENT

I, **Scot M. Duncan**, hereinafter referred to as "ASSIGNOR," for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, confirm that he is the sole member of **HEDS Holdings LLC** with an office at **3064 Silver Sage Dr., Ste. 150, Carson City, NV, 89701**, and he intends and have contributed as capital, assigned, sold, transferred, and set over, and do hereby assign, sell, transfer, and set over unto **HEDS Holdings LLC** and to its successors, assigns, and legal representatives, collectively hereinafter referred to as "ASSIGNEE":

- (1) ASSIGNOR's entire right, title, and interest for the United States and in all countries, in and to any and all inventions, discoveries, and applications which are disclosed in any of the patent(s) and/or patent application(s) listed in the enclosed SCHEDULE (the "Patent(s)"), including: (a) any subsequently filed patent applications, which claim priority to any of the Patent(s), including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor; (b) any and all forms of intellectual and industrial property protection derivable from any of the Patent(s) or any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, divisions, and substitute applications of any of the Patent(s), including, without limitation, patents, applications, utility models, inventor's certificates, and designs; and (c) the right to sue for past infringement and to collect for all past, present, and future damages;
- (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in ASSIGNOR's name as the ASSIGNEE, or its designee's election, on said inventions, discoveries, and applications in all countries of the world;
- (3) the entire right, title, and interest in and to any letters patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations, and extensions thereof, and any patents of confirmation, registration, and importation of the same; and
- (4) the entire right, title, and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to said inventions, discoveries, and applications.

ASSIGNOR hereby authorizes and requests the competent authorities to grant and to issue any and all such letters patent in the United States and throughout the world to the ASSIGNEE of the entire right, title, and interest therein, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale, and transfer not been made.

ASSIGNOR agrees, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration, and importation based on any letters patent issuing on said inventions, discoveries, or applications and renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor.

ASSIGNOR further agrees at any time, to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries, and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this assignment,

* ASSIGNOR hereby authorizes the attorneys of record or the attorney recording this assignment to complete or correct any identifying information in the SCHEDULE, which may be necessary or desirable, in order to comply with the rules of the USPTO or any other competent authority for recordation of this document.

including the execution, delivery, and procurement of any and all further documents evidencing this assignment, transfer, and sale as may be necessary or desirable.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions, discoveries, and applications, said letters patent, and legal equivalents as may be known and accessible to ASSIGNOR, ASSIGNOR will testify as to the same in any interference, litigation, or proceeding related thereto, and ASSIGNOR will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and enforce said inventions, discoveries, and applications, said letters patent, and said legal equivalents which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR:

Date:

10/26/23



Scot M. Duncan

AGREEMENT OF ASSIGNEE:

ASSIGNEE hereby agrees to the terms above and accepts the transfer.

Date: 10/26/23


Signature

Scot M. Duncan
Name

Manager
Title of Authorized Signatory

SCHEDULE

TITLE	COUNTRY	APPLICATION #	DATE FILED	STATUS
COOLING RECOVERY SYSTEM AND METHOD	US	11/852,225	September 7, 2007	Patented
COOLING RECOVERY SYSTEM AND METHOD	PCT	PCT/US2008/075491	September 5, 2008	Expired
COOLING RECOVERY SYSTEM AND METHOD	US	13/405,019	February 24, 2012	Patented
COOLING RECOVERY SYSTEM AND METHOD	US	13/854,866	April 1, 2013	Patented
COOLING RECOVERY SYSTEM AND METHOD	US	15/489,598	April 17, 2017	Patented
COOLING RECOVERY SYSTEM AND METHOD	US	17/160,099	January 27, 2021	Patented
COOLING RECOVERY SYSTEM AND METHOD	US	18/448,698	August 11, 2023	Pending
COOLING RECOVERY SYSTEM AND METHOD	JP	2014-180320	September 5, 2008	Abandoned
COOLING RECOVERY SYSTEM AND METHOD	JP	2016-217313	September 5, 2008	Patented
COOLING RECOVERY SYSTEM AND METHOD	JP	2019-132138	September 5, 2008	Patented
COOLING RECOVERY SYSTEM AND METHOD	JP	2022-035961	September 5, 2008	Pending
COOLING RECOVERY SYSTEM AND METHOD	CN	200880110608.2	September 5, 2008	Patented
COOLING RECOVERY SYSTEM AND METHOD	JP	2010-524203	September 5, 2008	Patented

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HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	PCT	PCT/US2019/019035	February 21, 2019	Completed
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	US	18/182,938	March 13, 2023	Pending
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	EP	19757673.9	February 21, 2019	Published
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	HK	62021025133.1	February 21, 2019	Published
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	IN	202017038186	February 21, 2019	Patented
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	US	16/975,071	August 21, 2020	Patented
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	US	62/634,621	February 23, 2018	Expired
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM AND METHOD	US	62/641,200	March 9, 2018	Expired
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM (HEDS)	US	62/641,211	March 9, 2018	Expired
Beyond High Efficiency Dehumidification	US	18/190,750	March 27, 2023	Pending
Systems and Methods for Providing High Efficiency Dehumidification	US	17/333,686	May 28, 2021	Patented
High Efficiency Dehumidification System (HEDS)	US	16/234,023	December 27, 2018	Patented
HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM (HEDS)	PCT	PCT/US2019/018623	February 19, 2019	
Advanced Energy Recovery High Efficiency Dehumidification Systems	US	17/683,023	February 28, 2022	Allowed

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Energy Recovery High Efficiency Dehumidification System	US	16/233,800	December 27, 2018	Patented
ENERGY RECOVERY HIGH EFFICIENCY DEHUMIDIFICATION SYSTEM	PCT	PCT/US2019/018630	February 19, 2019	

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